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## 1 [Surfing the Web by voice](#)

[Charles T. Hemphill, Philip R. Thrift](#)

January 1995 **MULTIMEDIA '95**: Proceedings of the third ACM international conference on multimedia

**Publisher:** ACM [Request Permissions](#)

Full text available: [Html](#) (37.02 KB)

Additional Information: [full citation](#), [references](#)

**Bibliometrics:** Downloads (6 Weeks): 5, Downloads (12 Months): 39, Downloads (All Time): 100

**Keywords:** World Wide Web (WWW), dynamic grammars, dynamic vocabularies, multimedia, natural language, speech recognition, spoken language systems

## 2 [Single-source indexing](#)

[Jan C. Wright](#)

October 2001 **SIGDOC '01**: Proceedings of the 19th annual international conference on SIGDOC

**Publisher:** ACM [Request Permissions](#)

Full text available: [Pdf](#) (296.90 KB)

Additional Information: [full citation](#), [abstracts](#)

**Bibliometrics:** Downloads (6 Weeks): 3, Downloads (12 Months): 17, Downloads (All Time): 40

As more and more content is being produced and distributed in multiple various formats becomes important. Indexes can be considered as residual pages accompanying a ...

**Keywords:** indexing, single-sourcing

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## 3 [VXT: a visual approach to XML transformations](#)

[Emmanuel Pietriga, Jean-Yves Vion-Dury, Vincent Quint](#)

November 2001 **DocEng '01**: Proceedings of the 2001 ACM Symposium on Document Engineering

**Publisher:** ACM [Request Permissions](#)


Full text available: [Pdf](#) (165.99 KB)


Additional Information: [full citation](#), [abstracts](#)

**Bibliometrics:** Downloads (6 Weeks): 13, Downloads (12 Months): 58, Downloads (All Time): 100

The domain of XML transformations is becoming more and more important. Applications adopting XML as their format for data exchange or representation are expressing XML transformations ...

**Keywords:** XML transformations, XSLT, circus, visual programming languages

- 4 [Fluid annotations through open hypermedia: using and extending er](#)  
 [Niels Olof Bouvin, Polle T. Zellweger, Kaj Grønbaek, Jock D. Mackinlay](#)  
 May 2002 **WWW '02: Proceedings of the 11th international conference**  
**Publisher:** ACM


Full text available:  [Pdf](#) (1.24 MB)

Additional Information: [full citation](#), [abs](#)

**Bibliometrics:** Downloads (6 Weeks): 6, Downloads (12 Months): 70, Downloa

The Fluid Documents project has developed various research prototypes based on animated typographical changes can help readers utilize anno Fluid Open Hypermedia ...

**Keywords:** RDF, XLink, XPointer, annotations, annotea, fluid document

- 5 [High dynamic range imaging](#)  
 [Paul Debevec, Erik Reinhard, Greg Ward, Sumanta Pattanaik](#)  
 August 2004 **SIGGRAPH '04: SIGGRAPH 2004 Course Notes**


**Publisher:** ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (20.22 MB)


Additional Information: [full citation](#), [abs](#)

**Bibliometrics:** Downloads (6 Weeks): 63, Downloads (12 Months): 662, Downl

Current display devices can display only a limited range of contrast and most image acquisition, processing, and display techniques use no more outlines recent ...

- 6 [Shared interactive video for teleconferencing](#)  
 [Chunyan Liao, Qiong Liu, Don Kimber, Patrick Chiu, Jonathan Foote, Lynn](#)  
 November 2003 **MULTIMEDIA '03: Proceedings of the eleventh ACM interr**

**Publisher:** ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (1.33 MB)

Additional Information: [full citation](#), [abs](#)


**Bibliometrics:** Downloads (6 Weeks): 9, Downloads (12 Months): 41, Downloa

We present a system that allows remote and local participants to contrc mouse or pen based gestures "through" video windows. Unlike state-of-interaction with text ...

**Keywords:** collaborative device control, distance learning, gesture bas communication, video conferencing, video enabled device control

- 7 [GPGPU: general purpose computation on graphics hardware](#)  
 [David Luebke, Mark Harris, Jens Krüger, Tim Purcell, Naga Govindaraju, Ia](#)  
 August 2004 **SIGGRAPH '04: SIGGRAPH 2004 Course Notes**

**Publisher:** ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (63.03 MB)

Additional Information: [full citation](#), [abs](#)

**Bibliometrics:** Downloads (6 Weeks): 255, Downloads (12 Months): 1580, Dov

The graphics processor (GPU) on today's commodity video cards has ev processor. The latest graphics architectures provide tremendous memori with fully programmable vertex ...

- 8 [RFIG lamps: interacting with a self-describing world via photosensing](#)  
 Ramesh Raskar, Paul Beardsley, Jeroen van Baar, Yao Wang, Paul Dietz, Jr  
 August 2004 **SIGGRAPH '04: SIGGRAPH 2004 Papers**

**Publisher:** ACM  [Request Permissions](#)

Full text available:  [Mov](#) (26:15 MIN),  [Pdf](#) (512.31 KB) Additional Information: [full citation](#)


**Bibliometrics:** Downloads (6 Weeks): 17, Downloads (12 Months): 189, Downloads (24 Months): 189

This paper describes how to instrument the physical world so that object identity, geometry, and other information such as history or user annotation which acts as ...

**Keywords:** augmented reality, human-machine communication, image identification, structure from motion

Also published in:

August 2004 **Transactions on Graphics (TOG)** Volume 23 Issue 3

- 9 [QSketcher: an environment for composing music for film](#)  
 Steven Abrams, Ralph Bellofatto, Robert Fuhrer, Daniel Oppenheim, James Mash, Michael Rendish, Joe Smith  
 October 2002 **C&C '02: Proceedings of the 4th conference on Creativity & Cognition**

**Publisher:** ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (322.66 KB) Additional Information: [full citation](#), [abstract](#)

**Bibliometrics:** Downloads (6 Weeks): 4, Downloads (12 Months): 33, Downloads (24 Months): 33

We describe QSketcher, a new environment for composing music for film of the creative workflow, from idea conception through realization, rather than fragments with ...

**Keywords:** HCI, creativity, music composition, music representation, software

- 10 [Efficient web browsing on handheld devices using page and form summarization](#)  
 January 2002 **Transactions on Information Systems (TOIS)**, Volume 20 Issue 1


**Publisher:** ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (4.47 MB) Additional Information: [full citation](#), [abstract](#)

**Bibliometrics:** Downloads (6 Weeks): 20, Downloads (12 Months): 145, Downloads (24 Months): 145

We present a design and implementation for displaying and manipulating information as personal digital assistants (PDAs), or cellular phones. We introduce rich and HTML forms. Each Web ...

**Keywords:** PDA, Personal digital assistant, WAP, WML, forms, handheld devices, ubiquitous computing, wireless computing

- 11 [Nice class diagrams admit good design?](#)  
 Holger Eichelberger  
 June 2003 **SoftVis '03: Proceedings of the 2003 ACM symposium on Software Visualization**

**Publisher:** ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (413.61 KB)

Additional Information: [full citation](#), [abs](#)

**Bibliometrics:** Downloads (6 Weeks): 14, Downloads (12 Months): 150, Downl


Analysis and design of programs by using tools has emerged to a stand. engineering. Many of these tools claim to implement methods according provide automatic layout of ...

**Keywords:** HCI, UML class diagrams, aesthetics, metrics, software eng

## 12 [CyPhone—bringing augmented reality to next generation mobile phc](#)

 Tino Pyssysalo, Tapio Repo, Tuukka Turunen, Teemu Lankila, Juha Rönning  
April 2000 **DARE '00:** Proceedings of DARE 2000 on Designing augment

**Publisher:** ACM

Full text available:  [Pdf](#) (6.46 MB)


Additional Information: [full citation](#), [abs](#)

**Bibliometrics:** Downloads (6 Weeks): 23, Downloads (12 Months): 118, Downl


We describe a prototype implementation of a future mobile phone callec designed to support context-specific and multi-user multimedia services awareness has been ...

**Keywords:** mobile communication, navigation, networked virtual realit registration

## 13 [Scalable browsing for large collections: a case study](#)

 Gordon W. Paynter, Ian H. Witten, Sally Jo Cunningham, George Buchanar  
June 2000 **DL '00:** Proceedings of the fifth ACM conference on Digital lib

**Publisher:** ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (308.27 KB)

Additional Information: [full citation](#), [abs](#)

**Bibliometrics:** Downloads (6 Weeks): 7, Downloads (12 Months): 44, Downloa

Phrase browsing techniques use phrases extracted automatically from a browsing and accessing it. This paper describes a case study that uses : to facilitate browsing ...

## 14 [Automatic reconstruction of the underlying interaction design of web](#)

 L. Paganelli, F. Paterno  
July 2002 **SEKE '02:** Proceedings of the 14th international conference c engineering

**Publisher:** ACM

Full text available:  [Pdf](#) (500.39 KB)


Additional Information: [full citation](#), [abs](#)

**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 32, Downloa

In this paper we present a method, and the related tool, for analysing V reconstruct the underlying logical interaction design. Such a design is re how activities should ...

**Keywords:** human-computer interaction, reverse engineering, task mo

**15** [XIRQL: An XML query language based on information retrieval conc](#)

 Norbert Fuhr, Kai Großjohann

April 2004 **Transactions on Information Systems (TOIS)**, Volume 22 :

**Publisher:** ACM  [Request Permissions](#)


Full text available:  [Pdf](#) (281.91 KB) Additional Information: [full citation](#), [abs](#)

**Bibliometrics:** Downloads (6 Weeks): 8, Downloads (12 Months): 79, Downloa

XIRQL ("circle") is an XML query language that incorporates imprecision oriented query conditions. The corresponding uncertainty is handled by features of XIRQL ...

**Keywords:** Path algebra, XML, XQuery, probabilistic retrieval, ranked r

**16** [The technology of phrase browsing applications: workshop held in co](#)  
[conference on digital libraries](#)

 Nina Wacholder


April 2001 **SI GIR Forum**, Volume 35 Issue 1

**Publisher:** ACM

Full text available:  [Pdf](#) (44.14 KB) Additional Information: [full citation](#), [ref](#)

**Bibliometrics:** Downloads (6 Weeks): 3, Downloads (12 Months): 15, Downloa

**17** [On hyperstructure and musical structure](#)

 David C. De Roure, Don G. Cruickshank, Darius T. Michaelides, Kevin R. P.  
June 2002 **HYPERTEXT '02: Proceedings of the thirteenth ACM confere**

**Publisher:** ACM  [Request Permissions](#)


Full text available:  [Pdf](#) (354.31 KB) Additional Information: [full citation](#), [abs](#)

**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 20, Downloa

In this paper we report on an ongoing investigation into the relationship based on a series of open hypermedia systems research projects that h content. We provide ...

**Keywords:** hyperstructure, musical structure, narrative structure, oper

**18** [ACM SIGGRAPH Computer Graphics: Volume 38 Issue 2](#)

 May 2004 **SIGGRAPH Computer Graphics**

**Publisher:** ACM

Additional Information: [full citation](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downl

**19** [Hearsay: enabling audio browsing on hypertext content](#)

 I. V. Ramakrishnan, Amanda Stent, Guizhen Yang

May 2004 **WWW '04: Proceedings of the 13th international conference**

**Publisher:** ACM

Full text available:  [Pdf](#) (974.86 KB) Additional Information: [full citation](#), [abs](#)

**Bibliometrics:** Downloads (6 Weeks): 6, Downloads (12 Months): 55, Download

In this paper we present HearSay, a system for browsing hypertext Web based on our novel approach to automatically creating audio browsable combines two key technologies: ...

**Keywords:** HTML, VoiceXML, World Wide Web, audio browser, semanti

## 20 [Rendering tables in audio: the interaction of structure and reading st](#)



[Yeliz Yesilada, Robert Stevens, Carole Goble, Shazad Hussein](#)

October 2004 **Assets '04: Proceedings of the 6th international ACM SIGACI**

**Publisher:** ACM [Request Permissions](#)

Full text available: Pdf (168.43 KB)

Additional Information: [full citation](#), [abs](#)

**Bibliometrics:** Downloads (6 Weeks): 7, Downloads (12 Months): 56, Download

Tables remain a persistent problem for visually impaired people using s that are widely used for different purposes such as spatial layout or dat of tables challenges ...

**Keywords:** audio interaction, browsing, table, visual impairment

Also published in:

September 2003 **SIGACCESS Accessibility and Computing** Issue 77-78

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